

Table 5.35-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO, KAHULUI, HONOLULU, AND LIHUE AIRPORTS

[Normals are 30-year averages (1961-1990)]

Subject	Hilo	Kahului	Honolulu	Lihue
Normal temperatures (°F):				
Daily maximum	81.5	83.9	84.4	81.2
Daily minimum	66.4	67.2	70.0	69.9
Monthly: Coolest month 1/	71.7	71.7	72.9	71.6
Warmest month 1/	76.3	79.3	81.4	79.5
Annual 1/	74.0	75.6	77.2	75.6
Extreme temperatures (°F):				
Record highest	94	97	95	90
Record lowest	53	48	53	50
Normal cooling degree days 2/	3,284	3,883	4,474	3,883
Precipitation (inches):				
Normal	129.19	20.92	22.02	43.00
Maximum monthly	50.82	14.46	20.79	22.91
Minimum monthly	0.13	0.00	T	T
Maximum in 24 hours	27.36	7.01	17.07	11.54
Normal relative humidity (percent)	79	73	68	75
Wind speed (m.p.h.):				
Mean	7.4	3/ 14.4	11.4	12.8
Maximum 2-minute	31	3/ 41	35	3/ 39
Percent of possible sunshine	40	67	71	58
Number of days:				
Mean				
Clear	35.5	130.5	90.0	55.3
Partly cloudy	131.3	145.2	179.8	183.2
Cloudy	195.3	89.5	92.0	123.2
Thunderstorms	9.7	4.0	6.7	7.8
Normal				
Precipitation .01 inch or more	273.3	100.2	100.7	199.8
Temperature maximum 90° and above	1.0	23.5	31.4	0.1

T Trace amount.

1/ Dry bulb is the temperature of the ambient air.

2/ Difference between the average daily temperature and 65° F.

3/ Revised.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 2001*, "Normals, Means, and Extremes", for Hilo, Kahului, Honolulu, and Lihue, (annual).